ER-4: Reduce Vertical Separation Decision Tree 2002 2005 2003 2004 Aircraft Operator Readiness Operators plan and complete aircraft approval work for Phase 1 start including TCAS II V7.0 installation **RVSM Seminars complete** Operators adopt DRVSM operations policies and procedures - pilots, dispatchers, and maintenance Operator flight planning systems modified Users **FAA Commitment** AFS & Certification Field Office Readiness Agree phased implementation plan and Inspector guidance published schedule Prelim cost/benefit assessment Resources in place RVSM seminars complete Prelim plan for AFS field office approval/ Imple mentation **AFS** Prelim plan for non-group approvals/ACO AFS/ATP resources Wake turbulence/mountain wave procedures Prelim plan for monitoring safety factors ATS Policy/Procedures Publication Prelim plan to accommodate un-approved aircraft ATC Order 7110.65 revision complete FAA position on single altimeter equipage Flight level orientation scheme published Coordinated plan with Canada and Mexico Publish procedures for mitigation of wake turbulence and mountain wave and RVSM suspension for severe turbulence ATP FAA Publish NPRM and Cost/Benefit Controller Readiness **Publish Final Part 91 Rule Analysis** I&IComplete **AFS** AFS Controller training complete **ATP** Air Traffic Ground System Readiness NAS Automation Modifications ATP Assessment of Safety and Standardization Deploy system and monitor aircraft in-service altitude-keeping performance Establish database and track operator and airframe RVSM approval Conduct safety analysis against events and factors effecting collision risk ACT